

of the problem of squaring the circle was communicated by Prof. P. E. Chase. (See page 281.)

A communication entitled, "Eleventh Contribution to the Herpetology of South America," was received from Prof. E. D. Cope. (See page 261.)

The Committee on a Eulogy on Dr. G. B. Wood reported a recommendation that Dr. Henry Hartshorne be appointed in the place of Dr. Alfred Stillé, to prepare an obituary notice of the deceased, which was adopted.

Pending nominations 878 to 884 were read, and the meeting was adjourned.

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*Stated Meeting, July 18, 1879.*

Present, 5 members.

Vice-President, Mr. FRALEY, in the Chair.

A photograph of Prof. John LeConte, and a vignette of Gen. F. E. Spinner, were received for insertion in the album.

Letters acknowledging the receipt of Proc. No. 102, were received from the Royal Danish Society, June 17; and of Proc. No. 103 from Prof. Steenstrup; Mr. A. Agassiz; the New Jersey Historical Society; Prof. Fred. Prime; the Maryland Historical Society; the Engineers' Club; the U. S. Naval Observatory; Mr. Asaph Hall; Prof. Kirkwood; the Davenport Academy; the Georgia Historical Society and Prof. John LeConte.

Letters of envoy were received from the Batavian Observatory, May 7; Dr. H. Scheffler, of Braunschweig, April 20; the Bureau des Longitudes per U. S. State Department; and the Engineers' Club of Philadelphia.

On motion, the Librarian was authorized to supply a copy of Proceedings No. 97 to the Cherbourg Natural History Society.

On motion, the Journal of Medical Sciences was ordered to be placed upon the list of correspondents to receive the Proceedings.

An offer from the State Librarian of Michigan to exchange was accepted.

Donations for the Library were received from the Academies at St. Petersburg, Berlin, Brussels, Rome and Minneapolis; from the Geographical Societies of Russia, Paris and Bordeaux; the Observatories at Prag and Adelaide; from the Bureau des Longitudes; London Astronomical Society; and the Corporation of the City of London; Essex Institute; Boston Society of Natural History; Brooklyn Entomological Society; American Chemical Society and the New York Mercantile Library Association; Franklin Institute, American Pharmaceutical Association, Union League and Engineers' Club of Philadelphia; Smithsonian Institution; and Argentine Scientific Society; Yale College; Wabash College; U. S. Engineers' Department; Mexican Agricultural Bureau; Melbourne Mining Bureau; Young Men's Association at Buffalo; Dr. Scheffler, of Braunschweig; Canadian Naturalist; Silliman's Journal; New York Entomological Society, and Mercantile Library; Journal of Pharmacy, Journal of the Medical Sciences, Pennsylvania Magazine of History, &c., Prof. Frazer, Dr. Genth, Mr. Benson, Prof. Jacques, and Dr. Gross.

A communication was received, entitled, "On Pyrophyllite" from Schuylkill Co., Pa., by Dr. F. A. Genth (p. 279).

Mr. Lesley described a recently discovered ancient buried river channel crossing the Allegheny river twice, from the mouth of the Clarion, above and below Parker, at the northern limit of Armstrong County.

As Mr. Carll has shown that the preglacial Allegheny river had its heads in the high ridge south of Tidioute, in Venango County, it is evident that the Clarion river was then the main Allegheny river; which explains the ancient double curve at Parker. After the ice had retreated from the northern country, leaving all the valleys choked with drift, the combined waters which until then had entered the basin of Lake Erie, at Dunkirk, in New York State, broke away through the ridge below Tidioute, and cut the present straight channel at Parker, across and 100 feet lower than the ancient channel.

Pending nominations No. 878 to 884, and new nomination 885, were read.

Pending nominations 878 to 884 were balloted for, and after scrutiny of the ballot boxes by the presiding officer, the following persons were declared duly elected members of the Society:

Prof. Charles Martins, of Montpellier, France.

Sir George Biddle Airy, Astronomer Royal of Great Britain.

Mr. Charles M. Wheatley, of Phoenixville, Pa.

Mr. Andrew S. McCreath, of Harrisburg, Pa.

Prof. Ira Remsen, of Baltimore, Md.

Prof. E. Reneviers, of Lausanne, Switzerland.

Mr. Benjamin B. Comegys, of Philadelphia.

And the meeting was adjourned.

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*Stated Meeting, August 15, 1879.*

Present, 2 members.

Secretary, Dr. J. L. LeConte, in the Chair.

A portrait of George Ord was presented by Dr. M. Hay, for insertion in the album.

Letters accepting membership were received from Mr. Charles M. Wheatley, dated Phoenixville, July 24, and Mr. Andrew S. McCreath, dated Harrisburg, Pa., July 24.

Letters of acknowledgment were received from the Reale Accademia dei Lincei in Rome (101, List. Cat. III); and the Boston Society of Natural History, July 21 (103, List. Cat. III).

Letters of envoy were received from the Zoologico-Botanical Society of Vienna, May 20; and the Natural History Society of Görlitz, March 2, 1879.

Donations for the Library were received from the Institute of France; the Geological Institute, Zoologico-Botanical Society, and Anthropological Society at Vienna; M. Joseph de Lenhosáck, of Buda-Pest; the Societies at Gör-